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## 21 [PeerReview: practical accountability for distributed systems](#)

 Andreas Haeberlen, Petr Kouznetsov, Peter Druschel

October 2007 SOSP '07: Proceedings of twenty-first ACM SIGOPS symposium on Operating systems

Publisher: ACM

Full text available:  [Pdf \(363.72 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

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We describe PeerReview, a system that provides accountability in distributed systems. PeerReview is

Byzantine faults whose effects are observed by a correct node are eventually detected and irrefutable by a faulty node. At the same time, ...

Keywords: accountability, byzantine faults, distributed systems, fault detection

## 22 User-level internet path diagnosis

◆ Ratul Mahajan, Neil Spring, David Wetherall, Thomas Anderson

October 2003 SOSP '03: Proceedings of the nineteenth ACM symposium on Operating systems pri

Publisher: ACM

Full text available: [PDF \(403.57 KB\)](#)

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Diagnosing faults in the Internet is arduous and time-consuming, in part because the network is composed of many components spread across many administrative domains. We consider an extreme form of this problem: users, with no special privileges, ...

Keywords: measurement tools, path diagnosis

## 23 Speculative execution in a distributed file system

◆ Edmund B. Nightingale, Peter M. Chen, Jason Flinn

October 2005 ACM SIGOPS Operating Systems Review, Volume 39 Issue 5

Publisher: ACM

Full text available: [PDF \(305.54 KB\)](#)

Additional Information: [full citation, abstract, references](#)  
[terms, review](#)

Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 153, Citation C

Speculator provides Linux kernel support for speculative execution. It allows multiple processes to s state by tracking causal dependencies propagated through inter-process communication. It guarant execution by preventing ...

Keywords: causality, distributed file systems, speculative execution

## 24 On fairness in simulability-based cryptographic systems

◆ Michael Backes, Dennis Hofheinz, Jörn Müller-Quade, Dominique Unruh

◆ November 2005 FMSE '05: Proceedings of the 2005 ACM workshop on Formal methods in security

Publisher: ACM

Full text available: [PDF \(276.43 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 18, Citation C

Simulability constitutes the cryptographic notion of a secure refinement and has asserted its posit fundamental concepts of modern cryptography. Although simulability carefully captures that a dis does not behave ...

Keywords: cryptographic protocols, fairness, scheduling, simulability

## 25 PeerReview: practical accountability for distributed systems

◆ Andreas Haeberlen, Petr Kouznetsov, Peter Druschel

◆ October 2007 ACM SIGOPS Operating Systems Review, Volume 41 Issue 6

Publisher: ACM

Full text available: [PDF \(363.72 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

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